

# Notice of Allowability

Application No.

10/635,372

Examiner

JAMES C. KERVEROS

Applicant(s)

ADKISSON, RICHARD W.

Art Unit

2117

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 5/30/2007.
2. ☒ The allowed claim(s) is/are 1-23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
JAMES C. KERVEROS  
PRIMARY EXAMINER

### **NOTICE OF ALLOWANCE**

This is a Notice of Allowance in response to the Amendment filed 5/30/2007. The instant application claims benefit of provisional US Application No. 60/469,180, filed 05/09/2003.

Claims 1-23 have been examined.

Rejection of Claims 1-23 under 35 U.S.C. 112, second paragraph, has been withdrawn in view of Applicant's further clarification of the definition of "one-hot signals" in light of the specification, as recited in the independent claim 1, 10 and 17.

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

#### **IN THE SPECIFICATION:**

Under the heading: CROSS-REFERENCE TO RELATED APPLICATIONS, paragraphs [0002] and [0003] have been amended as follows:

[0002] This application is related to U.S. patent application Ser. No. 10/635083, filed 8/6/2003, entitled GENERAL PURPOSE PERFORMANCE COUNTER; U.S. patent application Ser. No. 10/635369, filed 8/6/2003, entitled INCREMENT/DECREMENT

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CIRCUIT FOR PERFORMANCE COUNTER; U.S. patent application Ser. No. 10/635371, filed 8/6/2003 entitled COVERAGE CIRCUIT FOR PERFORMANCE COUNTER; U.S. patent application Ser. No. 10/635103, filed 8/6/2003, entitled DATA SELECTION CIRCUIT FOR PERFORMANCE COUNTER; U.S. patent application Ser. No. 10/635079, filed 8/6/2003, entitled ZEROING CIRCUIT FOR PERFORMANCE COUNTER; and U.S. patent application Ser. No. 10/635373, filed 8/6/2003, entitled MATCH CIRCUIT FOR PERFORMANCE COUNTER, all of which are hereby incorporated by reference in their entirety.

[0003] Related subject matter disclosed in the following commonly owned co-pending U.S. patent applications: (i) application Ser. No. 10/402,092, filed March 28, 2003, U.S. Patent No. 7,146,538, entitled A BUS INTERFACE MODULE; and (ii) application Ser. No. 10/402,034, filed Mar. 28, 2003, U.S. Patent No. 7,188,277, entitled AN INTEGRATED CIRCUIT, is hereby incorporated by reference.

***Allowable Subject Matter***

Claims 1-23 are allowed.

**REASONS FOR ALLOWANCE**

The following is an examiner's statement of reasons for allowance:

The prior arts of record taken alone or in combination fail to teach, anticipate, suggest or render obvious the claimed invention, including among other limitations, a plurality of encoded state coverage signals indicative of test coverage in a logic design,

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and a line decoder operating to decode the plurality of encoded state coverage signals into N one-hot signals, wherein each one-hot signal is asserted when a corresponding state in the logic design is covered during a test, as recited in the independent claims 1, 10 and 17.

Consequently, claims 1-23 are allowed over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAMES C. KERVEROS whose telephone number is (571) 272-3824. The examiner can normally be reached on 9:00 AM TO 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jacques H. Louis-Jacques can be reached on 571) 272-4150. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Date: 14 June 2007

Office Action: Allowance

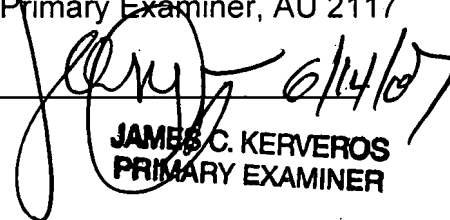
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